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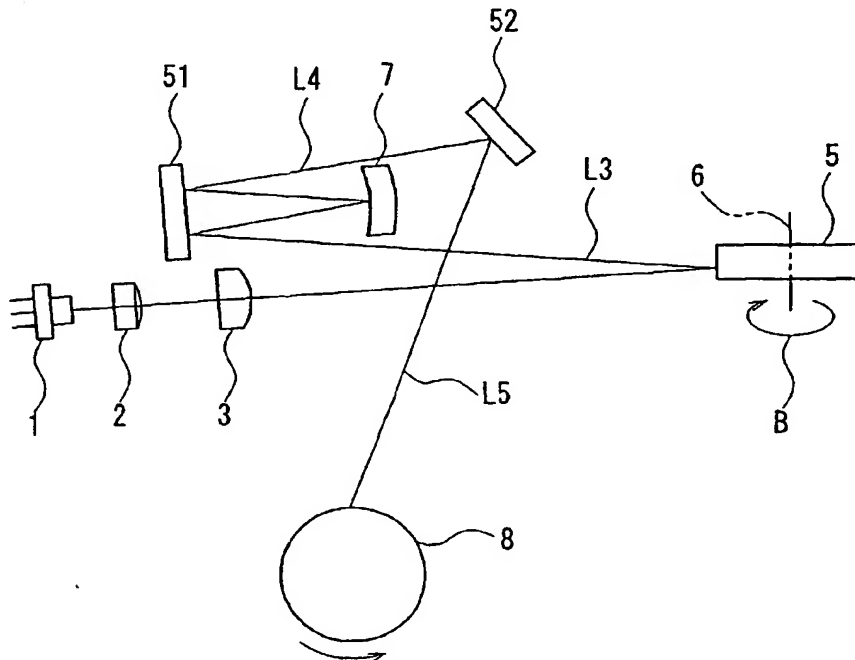
PCT

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- (51) 国際特許分類: **G02B 26/10** (YOSHIKAWA, Masanori) [JP/JP]; 〒572-0001 大阪府 寝屋川市 成田東町17番7号 Osaka (JP). 廣瀬 秀雄 (HIROSE, Hideo) [JP/JP]; 〒573-0076 大阪府 枚方市 東香里元町6-22 Osaka (JP).
- (21) 国際出願番号: PCT/JP03/05643
- (22) 国際出願日: 2003 年 5 月 2 日 (02.05.2003)
- (25) 国際出願の言語: 日本語 (74) 代理人: 特許業務法人池内・佐藤アンドパートナーズ (IKEUSHI SATO & PARTNER PATENT ATTORNEYS); 〒530-6026 大阪府 大阪市 北区天満橋1丁目8番30号 OAPタワー26階 Osaka (JP).
- (26) 国際公開の言語: 日本語
- (30) 優先権データ: 特願2002-140673 2002 年 5 月 15 日 (15.05.2002) JP (81) 指定国 (国内): CN, JP, US.
- (71) 出願人 (米国を除く全ての指定国について): 松下電器産業株式会社 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) [JP/JP]; 〒571-8501 大阪府 門真市 大字門真1006番地 Osaka (JP). 添付公開書類:
— 国際調査報告書
- (72) 発明者; および 2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。
- (75) 発明者/出願人 (米国についてのみ): 吉川 正紀

(54) Title: PHOTO SCANNER AND IMAGE FORMING DEVICE

(54) 発明の名称: 光走査装置および画像形成装置



(57) Abstract: A photo scanner, comprising a first reflecting optical element (7) and a second reflecting optical element (51), wherein the second reflecting optical element (51) is disposed so as to reflect incident light to the first reflecting optical element (7) and reflected light from the first reflecting optical element, whereby a small-sized photo scanner can be provided.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/05643

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G02B26/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G02B26/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 11-149054 A (Ricoh Co., Ltd.), 02 June, 1999 (02.06.99), (Family: none)	1, 2-4, 9, 11. 5-8, 10
X A	JP 10-239608 A (Ricoh Co., Ltd.), 11 September, 1998 (11.09.98), (Family: none)	1, 3, 4, 11 1, 5-10

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
28 July, 2003 (28.07.03)Date of mailing of the international search report
12 August, 2003 (12.08.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

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